

## PERFORMANCE DATA

Important Notice: Read this performance data and compare the capabilities of this system with your actual water treatment needs. It is recommended that before installing a water treatment system, you have your water supply tested to determine your actual water treatment needs.

This system has been tested according to NSF/ANSI 58 for the reduction of the substances listed below. The concentration for the indicated substances in water entering the system was reduced to a concentration less than or equal to the permissible limit for water leaving the system, as specified in NSF/ANSI 58.

**NOTE:** Substances reduced are not necessarily in your water. Filter must be maintained according to manufacturer's instructions, including replacement of filter cartridges.

The tested efficiency rating for this system is 7.68%. Efficiency rating means the percentage of the influent water to the system that is available to the user as reverse osmosis treated water under operating conditions that approximate typical daily usage. The tested recovery rating is 20.1%. Recovery rating means the percentage of the influent water to the membrane portion of the system that is available to the user as reverse osmosis treated water when the system is operated without a storage tank or when the storage tank is bypassed

### Model RO-2550

Substance	Average Influent Concentration	Maximum Permissible Product Water Concentration	Reduction Requirements	Average Reduction
<b>Standard 58</b>				
Barium	10.0 mg/L $\pm$ 10%	2.0 mg/L		98.3%
Cadmium	0.03 mg/L $\pm$ 10%	0.005 mg/L		98.7%
Chromium (Hexavalent)	0.3 mg/L $\pm$ 10%	0.1 mg/L		91.2%
Chromium (Trivalent)	0.3 mg/L $\pm$ 10%	0.1 mg/L		94.8%
Copper	3.0 mg/L $\pm$ 10%	1.3 mg/L		98.9%
Fluoride	8.0 mg/L $\pm$ 10%	1.5 mg/L		95.6%
Lead	0.15 mg/L $\pm$ 10%	0.010 mg/L		98.7%
Radium 226/228	25 pCi/L $\pm$ 10%	5 pCi/L		80.0%
Selenium	0.10 mg/L $\pm$ 10%	0.05 mg/L		96.0%
Turbidity	11 NTU $\pm$ 1 NTU	0.5 NTU		99.0%
Total Dissolved Solids	750 mg/L $\pm$ 40 mg/L	187 mg/L		96.2%
Cysts*	Minimum 50,000/mL		99.95%	99.99%

\*NSF/ANSI Standard 58 certified to reduce cysts such as Cryptosporidium and Giardia by mechanical means.

EPA #082989-CHN-001